

09/113868

NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 7/10/98 are:A. ☒ approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

## 1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink. Color drawings are not acceptable until petition is granted.

Fig(s) 1-4Pencil and non-black ink not permitted. Fig(s) 1-4

## 2. PHOTOGRAPHS. 37 CFR 1.84(b)

1 full-tone set is required. Fig(s) 1-4Photographs not properly mounted (must use Bristol board or photographic double-weight paper). Fig(s) 1-4Poor quality (half-tone). Fig(s) 1-4

## 3. TYPE OF PAPER. 37 CFR 1.84(e)

Paper not flexible, strong, white, and durable. Fig(s) 1-4Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) 1-4Mylar, velum paper is not acceptable (too thin). Fig(s) 1-4

## 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4)

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawing sheets not the same size. Fig(s) 1-4Sheet(s) 1-4Drawings sheets not an acceptable size. Fig(s) 1-4

## 5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: A4 Size

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s) 1-4Top (T) 1-4 Left (L) 1-4 Right (R) 1-4 Bottom (B) 1-4

## 6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

Partial views. 37 CFR 1.84(h)(2)

Brackets needed to show figure as one entity. Fig(s) 1-4Views not labeled separately or properly. Fig(s) 1-4Enlarged view not labeled separately or properly. Fig(s) 1-4

## 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

Hatching not indicated for sectional portions of an object. Fig(s) 1-4Sectional designation should be noted with Arabic or Roman numbers. Fig(s) 1-4

## 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(j):

Words do not appear on a horizontal, left-to-right fashion, when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) 1-4

## 9. SCALE. 37 CFR 1.84(k):

Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) 1-4

## 10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(l)

Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1-4

## 11. SHADING. 37 CFR 1.84(m):

Solid black areas pale. Fig(s) 1-4Solid black shading not permitted. Fig(s) 1-4Shade lines, pale, rough and blurred. Fig(s) 1-4

## 12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS. 37 CFR 1.84(p)

Numbers and reference characters not plain and legible. Fig(s) 1-4Figure legends are poor. Fig(s) 1-4Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) 1-4English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) 1-4Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) 1-4

## 13. LEAD LINES. 37 CFR 1.84(q)

Lead lines cross each other. Fig(s) 1-4Lead lines missing. Fig(s) 1-4

## 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)

Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) 1-4

## 15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) 1-4

## 16. CORRECTIONS. 37 CFR 1.84(w)

Corrections not made from prior PTO-948 dated 7/10/98

## 17. DESIGN DRAWINGS. 37 CFR 1.152

Surface shading shown not appropriate. Fig(s) 1-4Solid black shading not used for color contrast. Fig(s) 1-4

## COMMENTS:

-Ball point ink obj. (Fig 1-4)

REVIEWER

T. Cooper

DATE

9/8/99

TELEPHONE NO.

703 305 8935

ATTACHMENT TO PAPER NO.

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# NOTICE OF DRAFTSPERSON'S INFORMATION ON HOW TO EFFECT DRAWING CHANGES

## 1. Correction of Informalities-37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

## 2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

## 3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made other than correction of informalities, unless the examiner has approved the proposed changes:

- 1. LEAD LINES: 37 CFR 1.84(d)
  - Lead lines missing: (Fig.)
  - Lead lines missing: (Fig.)
- 2. NUMBERING OF SHEETS OF DRAWINGS: 37 CFR 1.84(e)
  - Sheet not numbered consecutively, and in Arabic numerals: (Fig.)
  - Beginning with number 1: (Fig.)
- 3. NUMBERING OF VIEWS: 37 CFR 1.84(f)
  - Views not numbered consecutively, and in Arabic numerals: (Fig.)
  - Beginning with number 1: (Fig.)
- 4. CORNER THICKS: 37 CFR 1.84(g)
  - Corner thicks not made from prior figures: (Fig.)
- 5. SECTION OF VIEWS: 37 CFR 1.84(h)
  - Section cutting shown not appropriate: (Fig.)
  - Section block: (Fig.)
- 6. PARTIAL VIEWS: 37 CFR 1.84(i)
  - Partial view: (Fig.)
  - Partial view: (Fig.)
- 7. ENLARGED VIEW: 37 CFR 1.84(j)
  - Enlarged view not labeled separately or properly: (Fig.)
- 8. SPECIAL VIEWS: 37 CFR 1.84(k)
  - Viewing not indicated for section: (Fig.)
  - Viewing not indicated for section: (Fig.)
- 9. SECTIONAL VIEWS: 37 CFR 1.84(l)
  - Sectional view not labeled separately or properly: (Fig.)
- 10. REMARKS: 37 CFR 1.84(m)
  - Remarks: (Fig.)
- 11. REMARKS: 37 CFR 1.84(n)
  - Remarks: (Fig.)
- 12. REMARKS: 37 CFR 1.84(o)
  - Remarks: (Fig.)
- 13. REMARKS: 37 CFR 1.84(p)
  - Remarks: (Fig.)
- 14. REMARKS: 37 CFR 1.84(q)
  - Remarks: (Fig.)
- 15. REMARKS: 37 CFR 1.84(r)
  - Remarks: (Fig.)
- 16. REMARKS: 37 CFR 1.84(s)
  - Remarks: (Fig.)
- 17. REMARKS: 37 CFR 1.84(t)
  - Remarks: (Fig.)
- 18. REMARKS: 37 CFR 1.84(u)
  - Remarks: (Fig.)
- 19. REMARKS: 37 CFR 1.84(v)
  - Remarks: (Fig.)
- 20. REMARKS: 37 CFR 1.84(w)
  - Remarks: (Fig.)
- 21. REMARKS: 37 CFR 1.84(x)
  - Remarks: (Fig.)
- 22. REMARKS: 37 CFR 1.84(y)
  - Remarks: (Fig.)
- 23. REMARKS: 37 CFR 1.84(z)
  - Remarks: (Fig.)

COMMENTS: (Fig.)

REVIEWER: DATE: 11/8/91 TELEPHONE NO: 202-352-2882

ATTACHMENT TO PAPER NO. 1